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Analysis of MMT Effect on HC tonnage (0.03125 gpg Mn) *

- Scenario 1: Ethyl data nationwide (exc CA) with 84% market penetration; no differentiation of model year VMT
 Scenario 2: Ethyl data, 84% penetration, pre-1981 vehicles see effect from 1978 analysis
 Scenario 3: Ethyl data, 84% penetration, pre-1981 vehicles see effect from 1978 analysis, 9 Reform cities removed

Scenario	Penetration MMT effect % of VMT		MMT effect		HC (tons)
	% US gas market	pre-1981 of pre-'81 post 1980 fleet in '92	(gpm HC)	(gpm HC)	
Using Ethyl-generated data					
1	84	0.018	13.7	0.018	30800 **
2	84	0.09	13.7	0.018	47833 **
3	84	0.09	13.7	0.018	39843 ***

* Assumes 50,000 mile effect is seen throughout life of vehicles

** Assuming 97 billion gallons of gasoline consumed per year (exc CA) and 19.13 mpg fuel economy

*** Removes estimated 24 billion gallons from reform cities

non CA reform cities results in 81 billion gals/yr.

Docket A-91-46 261
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